

MAR 26 2002

THERAPEUTIC EXERCISE DEVICE WITH ADJUSTABLE FRAME FOR  
WHEELCHAIR USERS AND STANDARD FOUR LEGGED CHAIR USERS

INVENTOR: Joseph Giglio

COPY OF PAPERS  
ORIGINALLY FILED

5

ABSTRACT

A leg exerciser for the wheelchair user or standard  
four legged chair user that includes an adjustable frame  
to suit the users size. The frame includes a two section  
10 longitudinal center member which can be elongated or  
shortened then locked in a selected position by a detent  
pin inserted into holes formed in the sides of both  
sections of the center member.

The adjustable frame supports at least one radius arm  
15 with foot pedals attached by a connecting rod. A shock  
absorbing damper and elastic bands are provided for leg  
exercise resistance and return force. The adjustable  
frame has a square tubular end member attached horizon-  
tally for retaining the leg exerciser to the wheelchair  
20 or chair. Retaining plates are provided at opposing ends  
of the horizontal end member preventing seperation of the  
exerciser from the chairs. Retaining plates may have  
bracing and contouring.

25